STRIP LED

LX-ST-DF4NRGB-24V-10mm

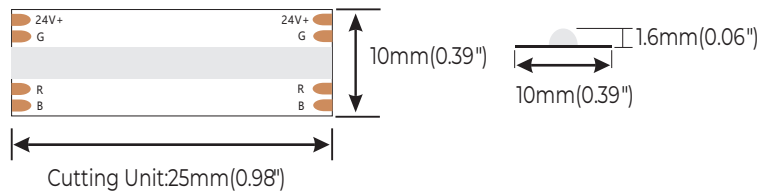**IP** 20/65   **DC24V**

(3) GARANTIE   CE   RoHS   36,000

· Linear RGB light bar without light spot, large light-emitting angle
· Widely adapted to various controllers
· High quality FPC, high thermal conductivity 3M glue
· Ta: -25~40°C；Tc：75°C(max)
· Rated current：0.6A(1m) 2.63A(5m)
· On-off times: 10000（test times）
· Max.length： 5000mm(16.4')
· Cutting unit：25mm(0.98")
· Min. bend diameter：Φ60mm(2.36")
· Mounting： 3M tape
· Copper foil: 2oz

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References

Reference	Typical Power	Max Power	Luminous flux/m	CRI	CCT/K	IP Rating	Dimensions
LX-ST-DF4NRGB-24V-10mm	14.4W/(1m) & 63W/(5m)	16.8W(1m)	95lm	/	R:620-625nm	IP20/65	5000*12*1.6mm
			250lm		G:520-525nm		
			85lm		B:455-460nm		
			460lm		RGB		

1.The tolerance of output data can be vary up to 15%.
2.the output data tested according to IES TM-30-15.
3.the output data is based on IP20/1merter, data of 5m in only for reference.
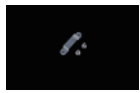4.IP protection process leads changes to size, CCT and luminous flux.

Dimensions

24V+ 24V+
G G
R R
B B
10mm(0.39")
1.6mm(0.06")
10mm(0.39")
Cutting Unit:25mm(0.98")

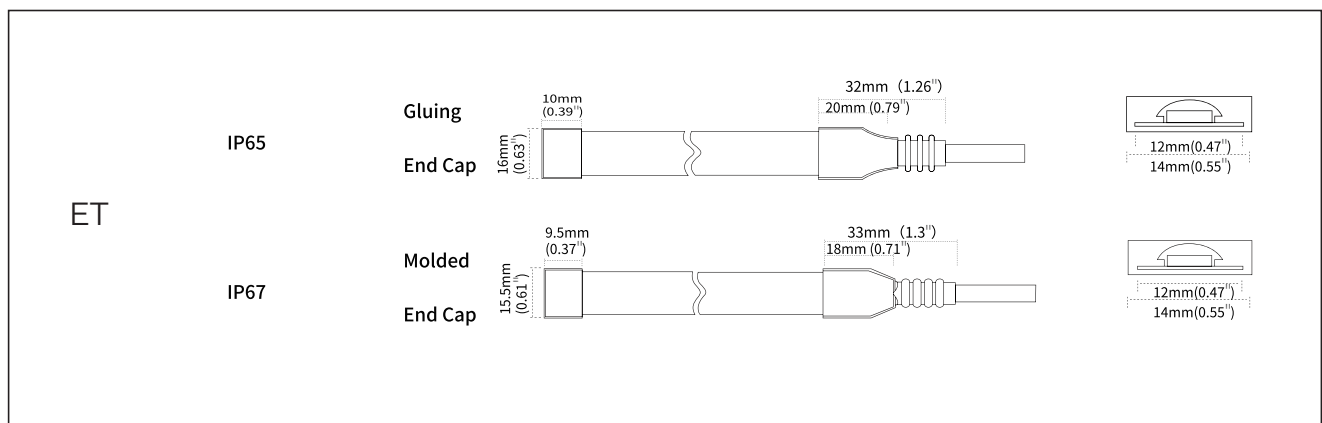# Electronic & output data

IP Process	Picture	Picture description	Size	Optional CCT/color for finished product	Lumen output rate
NO	NO/IP20	No proof	10mm*1.6mm	RGB	100%
NA	NANO/IP65	Nano-proof	10mm*1.6mm	RGB	98%
ET	ET/IP67	Extrusion tube	12mm*4.8mm	RGB	88%

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Name	Picture	Code	coding	description
Fixed Clip		94-02-00-0003	LX-FSW10SA	Silicone clip, screw: PA 3*8mm, suitable for 10mm FPC,EF/ET strip
Silicone Plug Kit		94-02-00-0046	LX-DT10EA-A	Silicone plug kit is suitable for 10mm board width, ET/EF series silicone extrusion light strip
Silicone stopper kit		94-02-00-0047	LX-DW10EA-A	Silicone tail plug kit is suitable for 10mm board width, ET/EF series silicone extrusion light strip
Mounting groove		94-02-00-0025	LX-CVT10EA-14100100	Transparent PVC mounting groove,suitable for 10mm FPC,silicone extruded EF/ET strip
Stopper glue		94-16-03010001	LX-AS-PG-0003	Silicone gel,suitable for ET/EF/EG waterproof LED strip
Connector for FPC and FPC		81-01-000002-000044	LX-CBB410-DFTA	10MM-4P solderless connector(board-to-board)\ COB(RGB)\for bare board 10mm width light strip
Connector for wire and FPC		81-01-000002-000045	LX-CXB410-DFTA	10MM-4P solderless connector (wire to board)\ compatible with 22AWG wire \ 22#(4A)\ COB(RGB)\ for bare board 10mm width light strip

IP process information

ET

IP65 — Gluing End Cap
10mm (0.39") — 16mm (0.63") — 32mm (1.26") / 20mm (0.79") — 12mm(0.47") / 14mm(0.55")

IP67 — Molded End Cap
9.5mm (0.37") — 15.5mm (0.61") — 33mm (1.3") / 18mm (0.71") — 12mm(0.47") / 14mm(0.55")

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Outdoor-Indoor/Stripled

Precautions

- Please drive the led strip with 24VDC isolated power, and the ripple of the constant voltage source should be less than 5%.

- Please do not bend the strip into an arc with a diameter less than 60mm to ensure the longevity and reliability.

- Do not fold it in case any damage of LED beads.

· Do not pull the power wire hard to ensure the longevity. Any Crash may damage the LED light is prohibited.

- Please make sure the wire is connected to the anode and cathode correctly. The power output should be consistent with the voltage of the strip to avoid damage.

- LED lights should be stored in dry, sealed environment. Please only unpack it before usage. Ambient temperature: -25°C~40°C

- Storage temperature: 0°C~60°C. Please use the strips without waterproof within indoor environment with humidity less than 70%.

· Please be careful during operation. Do not touch the AC power supply in case of electric shock.

· Please leave at least 20% power for the power supply during using to ensure there is enough power supply to drive the product.

- Do not use any acid or alkaline adhesives to fix the product (e.g.: glass cement).

- Do not scratch the product when IP processof the product is NA. Ultraviolet rays will damage the nano-layers on the product and seriously affect the life of the product.